

1. THE FOLLOWING INSTALLATION PROCEDURE SHALL BE FOLLOWED ON ALL WATER LINE EXTENTIONS OF LINES OVER ELEVEN (11) MONTHS IN AGE: A NEW VALVE OF LIKE SIZE SHALL BE INSTALLED IN THE NEW LINE EXTENTION AT THE POINT OF EXTENSION. A ¾" SADDLE AND RISER SHALL BNE INSTALLED IN THE LINE BEWTEEN THE NEW VALVE AND THE FIRST EXITSING VALVE IN THE EXITSING SYSTEM. THIS LINE WILL BE FLUSHED AND TESTED BY THE CITY AND THE ¾" NUT AND RISER REMOVED.
2. WATERLINES SHALL BE INSTALLED PER C-308 AND THE CITY SUPPLEMENT TO SECTION 610.
3. FIRE HYDRANTS SHALL BE FURNISHED BY THE CONTRACTOR AND INSTALLED IN ACCORDANCE WITH C-303 AND C-305.
4. ALL WATER SERVICE LINE AND METER BOX INSTALLATIONS SHALL CONFORM TO C-301. METER BOXES AND LIDS SHALL BE SUPPLIED BY THE DEVELOPER AND INSTALLED FACING THE LOT.
5. CITY OF CHANDLER WILL FURNISH AND INSTALL ALL WATER METERS WITH PREVAILING COSTS TO BE PAID BY DEVELOPER. THE CITY OF CHANDLER WATER DIVISION SHALL BE NOTIFIED AT (480) 782-3700 24 HOURS PRIOR TO INSTALLATION. THE DEVELOPER SHALL PROVIDE ANY NECESSARY WATER METER ADAPTERS FOR CONNECTION TO THE SERVICE LINES.
6. ALL VALVES 6" – 24" SHALL BE GATE TYPE IN CONFORMANCE WITH MAG SECTION 630.3, UNLESS OTHERWISE NOTED.
7. ALL VALVE BOXES SHALL CONFORM TO C-307.
8. CITY WATER VALVES SHALL BE OPERATED BY CITY PERSONNEL ONLY. CITY REQUIRES A **48 HOUR** NOTICE FOR SYSTEM SHUTDOWNS. CONTRACTOR IS REQUIRED TO NOTIFY AFFECTED CUSTOMERS **24 HOURS** PRIOR. BUSINESS' MAY REQUIRE AFTER HOURS SHUTDOWNS. RESIDENTIAL FLOWS AFTER SHUTDOWN MAY REQUIRE A PUMP. CONTRACTOR IS RESPONSIBLE TO INSTALL 2" TAPS TO RELIEVE PRESSURE AND ALLEVIATE RESIDUAL FLOWS WHEN NEEDED.
9. ALL TAPS SHALL USE A BRONZE SERVICE SADDLE. EIGHT (8) INCHES OR LESS SHALL BE SINGLE STRAP AND TEN (10) INCHES OR GREATER SHALL BE DOUBLE STRAP.
10. TAPS IN ACP SHALL BE MADE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE ACP MANUFACTURERS ASSOCIATION.
11. ALL FIRELINE PIPING, POTABLE WATER DISTRIBUTING PIPING LARGER THAN TWO (2) INCHES IN DIAMETER SHALL HAVE TRACER WIRES INSTALLED PER C-408.
12. ALL PIPE IN THE GROUND SHALL HAVE AWG THWN #14 INSULATED COPPER TRACING WIRE ATTACHED TO THE PIPE AND INTERCONNECTED TO VALVES AT VALVE BOX SPACING

INTERVALS. WARNING TAPE IS TO BE USED BURIED A MINIMUM 12" ABOVE THE PIPE. SEE C-408.

13. POLYETHYLENE ENCASEMENT SHALL CONFORM WITH THE APPLICABLE REQUIREMENTS OF AWWA C-600 & AWWA C-105.
14. MECHANICAL OR RESTRAINED JOINT DUCTILE IRON PIPE SHALL BE USED FOR WATER LINE PROTECTION WHEN MAG STD DTL 404 IS SPECIFIED ON THE PLANS.
15. VALVE BOX AND COVER GRADE LOCATED OUTSIDE OF A PAVED AREA SHALL BE SET ONE HALF INCH ABOVE SIDEWALK OR ADJACENT GRADE PER C-317.
16. NO VALVE BOX SHALL BE LOCATED WITHIN SIDEWALK OR SIDEWALK RAMP.
17. ALL 1" SERVICES SHALL BE INSTALLED WITH APPROVED ANGLE BALL METER VALVE, OF A SIZE DEPENDENT ON WATER METER SIZE. SEE C-301.
18. ALL FIRE HYDRANTS SHALL BE PROVIDED WITH **"OUT OF SERVICE"** SIGNS AT TIME OF INSTALLATION. THE SIGNS SHALL COMPLY WITH FIRE DEPARTMENT STANDARD DETAIL NO. FD123 AND SHALL REMAIN ON THE FIRE HYDRANTS UNTIL THE WATER LINES ARE TESTED, APPROVED AND PRESSURIZED. THE SIGNS SHALL BE REINSTALLED AT ANY TIME ANY FIRE HYDRANTS ARE TAKEN OUT OF SERVICE, REGARDLESS OF REASON OR THE AMOUNT OF TIME THE FIRE HYDRANTS ARE EXPECTED TO BE OUT OF SERVICE, AND DISPATCH SHALL BE NOTIFIED AT (480) 782-4130. ONLY CITY PERSONNEL SHALL REMOVE A SIGN.